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Raymond S. L. Chang, Victor J. Lotti and Tsing B. Chen	1709	Characterization of [^{3}H]($\pm$)L-364,718 binding to solubilized cholecystokinin (CCK) receptors of rat pancreas

KEIKO NAMBU, HISASHI MIYAZAKI, YUTAKA NAKANISHI, YOSHINORI OH-E, YOSHIMASA MATSUNAGA and MASAHISA HASHIMOTO — 1715 Enzymatic hydrolysis of haloperidol decanoate and its inhibition by proteins

DALJIT S. DHILLON, ELEONORA CONDREA, JOHN M. MARAGANORE, ROBERT L. HEINRIKSON, SHEILA BENJAMIN and PHILIP ROSENBERG — 1723 Comparison of enzymatic and pharmacological activities of lysine-49 and aspartate-49 phospholipases A_2 from *Agkistrodon piscivorus piscivorus* snake venom

NGUYEN T. BUU and MONIQUE ANGERS — 1731 Effects of different monoamine oxidase inhibitors on the metabolism of L-dopa in the rat brain

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GILBERTO CASTAÑEDA-HERNÁNDEZ — 1737 Presence of endogenous digitalis-like activity in mammalian heart not due to fatty acids

DEBORAH DEWAR, PETER JENNER and C. DAVID MARSDEN — 1738 Effects of opioid agonist drugs on the *in vitro* release of ^{3}H-GABA, ^{3}H-dopamine and ^{3}H-5HT from slices of rat globus pallidus

MARTIN M. BEDNAR, ROSEMARY KRAEMER, NADER G. ABRAHAM and KEVIN M. MULLANE — 1741 Arachidonic acid monooxygenase and lipoxygenase activities in polymorphonuclear leukocytes

JERRY D. JOHNSON, WILLIAM G. CONROY and GARY E. ISOM — 1747 Effect of pentobarbital on cyanide-induced tremors in mice and calcium accumulation in PC12 cells

GRETEL S. LAMONT and GEORGE A. M. CROSS — 1750 Effect of 3-aminobenzamide on the frequency of antigen switching in *Trypanosoma brucei in vitro*

Additions and Corrections — 1753 Stimulation of prostaglandin production by (2E, 6Z, 10E)-7-hydroxymethyl-3,11,15-trimethyl-2,6,10,14-hexadecatetraen-1-ol (Plaunotol), a new anti-ulcer drug, *in vitro* and *in vivo*. Vol. 36 (1987) 369–375 *Shigeru Ushiyama, Keiichi Matsuda, Fumitoshi Asai* and *Mitsuo Yamazaki*

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BRUCE S. MCEWEN — 1755 Glucocorticoid–biogenic amine interactions in relation to mood and behavior

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DAVID A. COONEY, GURPREET AHLUWALIA, HIROAKI MITSUYA, ARNOLD FRIDLAND, MARK JOHNSON, ZHANG HAO, MAHA DALAL, JAN BALZARINI, SAMUEL BRODER and DAVID G. JOHNS — 1765 Initial studies on the cellular pharmacology of 2′,3′-dideoxyadenosine, an inhibitor of HTLV-III infectivity

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IAN J. BRUCE and ROGER KERRY — 1769 The effect of chloramphenicol and cycloheximide on platelet aggregation and protein synthesis

ANAT ERDREICH and HANNAH RAHAMIMOFF — 1775 The possible involvement of the phospholipid phase of membranes in mediating the effects of verapamil on Ca^{2+} transport

TORU EGASHIRA, RITSUKO TAKANO and YASUMITSU YAMANAKA — 1781 Modulation of neuronal MAO activity, 5-HT uptake and imipramine binding by endogenous substances in dog cerebrospinal fluid

PETER O'NEILL, SHONA S. MCNEIL and TERENCE C. JENKINS 1787 Induction of DNA crosslinks *in vitro* upon reduction of the nitroimidazole-aziridines RSU-1069 and RSU-1131

DAVID A. GEWIRTZ and SAUL YANOVICH 1793 Metabolism of adriamycin in hepatocytes isolated from the rat and the rabbit

ALAN P. AGINS, MICHAEL J. THOMAS, CHARLES G. EDMONDS and JAMES A. MCCLOSKEY 1799 Identification of 12-keto-5,8,10-heptadecatrienoic acid as an arachidonic acid metabolite produced by human HL-60 leukemia cells

HIROAKI KATO and YASUO NAKAZAWA 1807 The effect of carbon tetrachloride on the enzymatic hydrolysis of cellular triacylglycerol in adult rat hepatocytes in primary monolayer culture

MOHD A. MATIN and KAZIM HUSAIN 1815 Cerebral glycogenolysis and glycolysis in malathion-treated hyperglycaemic animals

JERRY R. MILLER and JACK N. WELLS 1819 Effects of isoproterenol on active force and Ca^{2+}·calmodulin-sensitive phosphodiesterase activity in porcine coronary artery

S. C. J. READER, B. CARROLL, W. R. ROBERTSON and A. LAMBERT 1825 Assessment of the biopotency of anti-thyroid drugs using porcine thyroid cells

CLEMA E. M. ZOETEMELK, GEORGES R. MOHN, ARNE VAN DER GEN and DOUWE D. BREIMER 1829 1,2-Dibromo compounds. Their mutagenicity in *Salmonella* strains differing in glutathione content and their alkylating potential

KEN ISEKI, KEN-ICHI MORI, KATSUMI MIYAZAKI and TAKAICHI ARITA 1837 Binding of amino β-lactam antibiotics to soluble protein from rat intestinal mucosa—I. Purification of drug-binding protein

KEN ISEKI, KEN-ICHI MORI, KATSUMI MIYAZAKI and TAKAICHI ARITA 1843 Binding of amino β-lactam antibiotics to soluble protein from rat intestinal mucosa—II. Mutual inhibition of binding among amino β-lactam antibiotics and binding characteristics

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L. ALLEN BARKER, THOMAS MITTAG, ROCIO CALLE, SUSAN NORRIS and ANNE TORMAY 1847 Comparison of Mg^{2+} and Mn^{2+} as metal cofactors for histamine-stimulated adenylate cyclase in guinea pig gastric mucosa

WARREN D. W. HESTON, KYOICHI A. WATANABE, KRZYSZTOF W. PANKIEWICZ and DOUGLAS F. COVEY 1849 Cytotoxic and non-cytotoxic *N*-alkyl derivatives of putrescine: effect on polyamine uptake and growth of prostatic cancer cells *in vitro*

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ALBERT GJEDDE 1853 Does deoxyglucose uptake in the brain reflect energy metabolism?

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F. LATRILLE, C. CHARUEL, A. M. MONRO, J. STADLER and B. CH. J. SUTTER 1863 Imidazole antifungal agents reduce production of 17β-oestradiol by rat ovaries *in vitro*

ALBRECHT WENDEL and GISA TIEGS 1867 Leukotriene D4 mediates galactosamine/endotoxin-induced hepatitis in mice

Research Papers

MOHAMED-BASSEM A. ASHOUR and BRUCE D. HAMMOCK 1869 Substituted trifluoroketones as potent, selective inhibitors of mammalian carboxylesterases

TODD M. SAVARESE, ANTHONY J. CANNISTRA, ROBERT E. PARKS, JR., JOHN A. SECRIST III, ANITA T. SHORTNACY and JOHN A. MONTGOMERY	1881	5′-Deoxy-5′-methylthioadenosine phosphorylase—IV. Biological activity of 2-fluoroadenine-substituted 5′-deoxy-5′-methylthioadenosine analogs
A. NAGGI, G. TORRI, B.-CASU, J. PANGRAZZI, M. ABBADINI, M. ZAMETTA, M. B. DONATI, J. LANSEN and J. P. MAFFRAND	1895	"Supersulfated" heparin fragments, a new type of low-molecular weight heparin. Physico-chemical and pharmacological properties
ALBERTO CORSINI, FRANCO BERNINI, GIULIANA CIGHETTI, MAURIZIO SOMA, GIOVANNI GALLI and REMO FUMAGALLI	1901	Lipophilic β-adrenoceptor antagonists stimulate cholesterol biosynthesis in human skin fibroblasts
JAMES M. ONODA, THEODOR BRAUN and SIMEON M. WRENN, JR.	1907	Characterization of the purine-reactive site of the rat testis cytosolic adenylate cyclase
GERALD W. DORN II, RONALD M. BURCH, PAMELA J. KOCHEL, DALE E. MAIS and PERRY V. HALUSHKA	1913	Decrease in agonist affinity for human platelet thromboxane A_2/prostaglandin H_2 receptors induced by a platelet-derived supernatant
KIMIKO HIRAYAMA, AKIRA YASUTAKE and MASAYASU INOUE	1919	Effect of sex hormones on the fate of methylmercury and on glutathione metabolism in mice
ZAHID H. SIDDIK, DAVID R. NEWELL, FRANCES E. BOXALL and KENNETH R. HARRAP	1925	The comparative pharmacokinetics of carboplatin and cisplatin in mice and rats
CHIAKI KAMEI, YUKIO SUGIMOTO and KENJI TASAKA	1933	The effects of cephem antibiotics and related compounds on the aldehyde dehydrogenase in rat liver mitochondria
JOHN M. LACKIE and ANTHONY J. LAWRENCE	1941	Signal response transduction in rabbit neutrophil leucocytes. The effects of exogenous phospholipase A2 suggest two pathways exist
MASANORI INAMASU, TETSUYA TOTSUKA, TOMIHIRO IKEO, TAKU NAGAO and SHIGEYUKI TAKEYAMA	1947	$Beta_1$-adrenergic selectivity of the new cardiotonic agent denopamine in its stimulating effects on adenylate cyclase
PETER C. DEDON and RICHARD F. BORCH	1955	Characterization of the reactions of platinum antitumor agents with biologic and nonbiologic sulfur-containing nucleophiles
GEORGE H. LAMBERT, HELEN W. LIETZ and ALVIN N. KOTAKE	1965	Effects of pregnancy on the cytochrome P-450 system in mice
YOUZHUANG TAN, LARRY K. KEEFER and CHUNG S. YANG	1973	Inhibition of microsomal *N*-nitrosodimethylamine demethylase by diethyl ether and other anesthetics
TSUTOMU SHIMADA and SEI-ICHI NAKAMURA	1979	Cytochrome P-450-mediated activation of procarcinogens and promutagens to DNA-damaging products by measuring expression of *umu* gene in *Salmonella typhimurium* TA 1535/pSK 1002
PAUL SCHAEFFER, CLAIRE LUGINER, ANNY FOLLENIUS-WUND, DOMINIQUE GERARD and JEAN-CLAUDE STOCLET	1989	Comparative effects of calmodulin inhibitors on calmodulin's hydrophobic sites and on the activation of cyclic nucleotide phosphodiesterase by calmodulin
J. MERTENS-STRIJTHAGEN and C. DE SCHRYVER	1997	The effect of sodium valproate on the subcellular particles of the rat liver
YOSHIO KERA, HELMUTH W. SIPPEL, KAI E. PENTTILÄ and KAI O. LINDROS	2003	Acinar distribution of glutathione-dependent detoxifying enzymes. Low glutathione peroxidase activity in perivenous hepatocytes

SHOSUKE ITO, TOSHIAKI KATO, KIICHI ISHIKAWA, TSUTOMU KASUGA and KOWICHI JIMBOW 2007 Mechanism of selective toxicity of 4-S-cysteinylphenol and 4-S-cysteaminylphenol to melanocytes

MICHAEL G. HUMPHREYS-BEHER 2013 Elimination of isoproterenol-induced proline rich protein biosynthesis in rat salivary glands after adult thyroidectomy

VALERIE L. SLOTT and BARBARA F. HALES 2019 Enhancement of the embryotoxicity of acrolein, but not phosphoramide mustard, by glutathione depletion in rat embryos *in vitro*

PATSON T. NHAMBURO, BERNARD P. SALAFSKY, BORIS TABAKOFF and PAULA L. HOFFMAN 2027 Effects of ethanol on ouabain inhibition of mouse brain (Na^+, K^+)ATPase activity

Short Communications

A. TUDOR EVANS, EVELYN A. FORMUKONG and 2035 Actions of cannabis constituents on enzymes of arachidonate metabolism: anti-inflammatory potential

MARC LANGE, PIERRE-YVES ABECASSIS and PETER FRANCIS HUNT 2037 Monoclonal antibodies specific for 1 4 benzodiazepines

MAKOTO MATSUDA, SEIJI HORI, TADASHI ASAKURA and SUSUMU KURIOKA 2040 Effects of carbon dioxide on onsets of seizures in mice induced by antagonists of vitamin B_6

DAVID A. SCOTT, GRAHAM H. COOMBS and BARBARA E. SANDERSON 2043 Effects of methotrexate and other antifolates on the growth and dihydrofolate reductase activity of leishmania promastigotes

ARNAUD LEGUICHER, FRANÇOISE BEAUGÉ and ROGER NORDMANN 2045 Concomitant changes of ethanol partitioning and disordering capacities in rat synaptic membranes

ELLIOTT MIDDLETON, JR., HIROTA FUJIKI, MOHAMMEDI SAVLIWALA and GARY DRZEWIECKI 2048 Tumor promoter-induced basophil histamine release: effect of selected flavonoids

Additions and Corrections 2053 Antiviral activity of 2′,3′-dideoxycytidin-2′-ene (2′,3′-dideoxy-2′,3′-didehydrocytidine) against human immunodeficiency virus *in vitro*. Vol. 36 (1987) 311–316 *Tai-Shun Lin, Raymond F. Schinazi, Ming S. Chen, Elaine Kinney-Thomas* and *William H. Prusoff*

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BRIAN E. LEONARD 2055 Ethanol as a neurotoxin

Rapid Communications

J. L. MAGGS, N. R. KITTERINGHAM, A. M. BRECKENRIDGE and B. K. PARK 2061 Autoxidative formation of a chemically reactive intermediate from amodiaquine, a myelotoxin and hepatotoxin in man

MARVIN C. PANKASKIE and DANIELLE D. LAKIN 2063 Analogs of 9-deazaadenosine: potent inhibitors of methylthioadenosine phosphorylase

Research Papers

R. VAN DE STRAAT, J. DE VRIES, A. J. J. DEBETS and N. P. E. VERMEULEN 2065 The mechanism of prevention of paracetamol-induced hepatotoxicity by 3,5-dialkyl substitution. The roles of glutathione depletion and oxidative stress

INGE MANGELSDORF, KLAUS BUFF and JÜRGEN BERNDT	2071	Uptake of persistent environmental chemicals by cultured human cells
KEITH B. GLASER and ROBERT S. JACOBS	2079	Inactivation of bee venom phospholipase A_2 by manoalide. A model based on the reactivity of manoalide with amino acids and peptide sequences
JOHN F. TOWELL III and RICHARD I. H. WANG	2087	Hydrogen peroxide-induced glutathione depletion and aldehyde dehydrogenase inhibition in erythrocytes
ANNE DUMBRILLE-ROSS and PHILIP SEEMAN	2095	Dopamine agonist high-affinity state in solubilized D_2 receptors in striatum, but not in anterior pituitary
DAVID V. GODIN and SHABIR BHIMJI	2101	Effects of allopurinol on myocardial ischemic injury induced by coronary artery ligation and reperfusion
STEPHEN M. LIEBOWITZ, JOHN B. LOMBARDINI and PAUL S. SALVA	2109	Cyclic taurine analogs. Synthesis and effects on ATP-dependent Ca^{2+} uptake in rat retina
DANIELLE F. CANO-GAUCI and JOHN R. RIORDAN	2115	Action of calcium antagonists on multidrug resistant cells. Specific cytotoxicity independent of increased cancer drug accumulation
LESLIE S. RAMSAMMY, CHRISTINE JOSEPOVITZ, KIT-YIN LING, BERNARD P. LANE and GEORGE J. KALOYANIDES	2125	Failure of inhibition of lipid peroxidation by vitamin E to protect against gentamicin nephrotoxicity in the rat
ERNEST LACEY, JOHN A. EDGAR and CLAUDE C. J. CULVENOR	2133	Interaction of phomopsin A and related compounds with purified sheep brain tubulin
G. FRANKLIN CARL, MICHAEL W. GILL and ROBERT A. SCHATZ	2139	Effect of chronic primidone treatment on folate-dependent one-carbon metabolism in the rat
MASAYASU INOUE, KENJI OKAJIMA, SUMI NAGASE and YOSHIMASA MORINO	2145	Inter-organ metabolism and transport of a cysteine-*S*-conjugate of xenobiotics in normal and mutant analbuminemic rats
KIKUO IWAMOTO, JUN WATANABE and FUMIE ATSUMI	2151	Age dependence in capacity-limited jejunal decarboxylation of levodopa in rats
ROBERT A. ANDERSON JR., BRIAN R. WILLIS, JACK F. PHILLIPS, CHRISTINE OSWALD and LOURENS J. D. ZANEVELD	2157	Delayed pubertal development of the male reproductive tract associated with chronic ethanol ingestion
JONATHAN M. DUCORE	2169	α-Difluoromethylornithine effects on nitrosourea-induced cytotoxicity and crosslinking in a methylation excision repair positive (MER^+) human cell line
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PHILLIP J. ROBINSON and PETER R. DUNKLEY — 2203 — Altered protein phosphorylation in intact rat cortical synaptosomes after *in vivo* administration of fluphenazine

JOEL E. WRIGHT, ANDRE ROSOWSKY, DAVID J. WAXMAN, DOROTHY TRITES, CAROL A. CUCCHI, JENNIFER FLATOW and EMIL FREI III — 2209 — Metabolism of methotrexate and γ-*tert*-butyl methotrexate by human leukemic cells in culture and by hepatic aldehyde oxidase *in vitro*

PAULINE C. JOHNSTON, IAN H. STEVENSON and DAVID S. HEWICK — 2215 — The influence of digoxin-specific antibody fragments on digoxin disposition in the rat

SALIL K. DAS, MATTHEW O. SIKPI and PHIL SKOLNICK — 2221 — Characterization of [^{3}H]Ro5-4864 binding to "peripheral" benzodiazepine receptors in guinea pig alveolar type II cells

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YUKO MITANE, YASUNOBU AOKI and KAZUO T. SUZUKI — 2225 — Cadmium-induced inhibition of protein secretion from liver: pretreatment effect and specificity among cadmium, copper and zinc

ATLE SKATTEBØL and RICHARD A. RABIN — 2227 — Effects of ethanol on $^{45}Ca^{2+}$ uptake in synaptosomes and in PC12 cells

ANDREW FRANCIS, RUSSELL WHITTEMORE, DOUGLAS R. JEFFERY, L. BRUCE PEARCE and JEROME A. ROTH — 2229 — Catecholamine-metabolizing enzyme activity in the nigrostriatal system

FRASER P. STEWART and ANDREW G. SMITH — 2232 — Metabolism covalent binding of hexachlorobenzene by isolated male and female rat hepatocytes

BALVANT R. SITARAM, LYNN LOCKETT, GRAEME L. BLACKMAN and WILLIAM R. MCLEOD — 2235 — Urinary excretion of 5-methoxy-*N*,*N*-dimethyltryptamine, *N*,*N*-dimethyltryptamine and their *N*-oxides in the rat

STEPHEN A. WARD, GEORGE W. MIHALY, DEBORAH D. NICHOLL, ALASDAIR M. BRECKENRIDGE and GEOFFREY EDWARDS — 2238 — The pharmacokinetics of (+)- and (−)-primaquine in the isolated perfused rat liver preparation

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JACOBUS A. A. SWART and JAKOB KORF — 2241 — *In vivo* dopamine receptor assessment for clinical studies using positron emission tomography

Research Papers

F. P. CORONGIU, M. A. DESSI, S. BANNI, F. BERNARDI, M. P. PICCARDI, M. DEL ZOMPO and G. U. CORSINI — 2251 — MPTP fails to induce lipid peroxidation *in vivo*

SUSAN R. DOCTROW and JOHN M. LOWENSTEIN — 2255 — Inhibition of phosphatidylinositol kinase in vascular smooth muscle membranes by adenosine and related compounds

STEWART N. ABRAMSON, ROBERT G. L. SHORR and PERRY B. MOLINOFF — 2263 — Interactions of β-adrenergic receptors with a membrane protein other than the stimulatory guanine nucleotide-binding protein

AVIVA GAMLIEL, GABRIEL SCHREIBER and ASHER SHAINBERG — 2271 — Synergistic inhibition by trifluoperazine and phencyclidine of carbamylcholine-induced cation influx in muscle cultures

INGER HÄLLSTRÖM	2279	Genetic variation in cytochrome P-450-dependent demethylation in *Drosophila melanogaster*
L. SHAW, M. S. LENNARD, G. T. TUCKER, N. D. S. BAX and H. F. WOODS	2283	Irreversible binding and metabolism of propranolol by human liver microsomes—relationship to polymorphic oxidation
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THOMAS D. STEELE, DAVID E. NICHOLS and GEORGE K. W. YIM	2297	Stereochemical effects of 3,4-methylenedioxymethamphetamine (MDMA) and related amphetamine derivatives on inhibition of uptake of [^{3}H]monoamines into synaptosomes from different regions of rat brain
PAUL A. HYSLOP, CHRISTOPHER E. KUHN and RICHARD D. SAUERHEBER	2305	Insulin stimulation of adipocyte membrane glucose transport. A graded biologic response insensitive to bilayer lipid disordering
M. HELEN GRANT, M. DANNY BURKE, GABRIELLE M. HAWKSWORTH, SUSAN J. DUTHIE, JETMUND ENGESET and JAMES C. PETRIE	2311	Human adult hepatocytes in primary monolayer culture. Maintenance of mixed function oxidase and conjugation pathways of drug metabolism
CALLUM J. CAMPBELL, LAURA J. CHANTRELL and RICHARD EASTMOND	2317	Purification and partial characterization of rat intestinal cefuroxime axetil esterase
CELIA GIBB, VIVETTE GLOVER and MERTON SANDLER	2325	*In vitro* inhibition of phenolsulphotransferase by food and drink constituents
VUK EISEN, MADELEINE R. MUNDAY and JEREMY D. H. SLATER	2331	Effects of angiotensin I converting enzyme inhibition and calcium channel blockade on plasma levels of active and inactive renin in conscious rabbits
LEO G. ABOOD, XIN LU and SRABANI BANERJEE	2337	Receptor binding characteristics of a ^{3}H-labeled azetidine analogue of nicotine
JERZY BARANKIEWICZ and AMOS COHEN	2343	Impairment of nucleotide metabolism by iron-chelating deferoxamine
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JIAN XU and DE-MAW CHUANG	2353	Serotonergic, adrenergic and histaminergic receptors coupled to phospholipase C in cultured cerebellar granule cells of rats
LESLIE B. SLUSHER, SANG S. PARK, HARRY V. GELBOIN and ELLIOT S. VESELL	2359	Studies on the metabolism of aminopyrine, antipyrine and theophylline using monoclonal antibodies to cytochrome P-450 isozymes purified from rat liver
G. PETER RAAPHORST, EDOUARD I. AZZAM, REJEAN LANGLOIS and JOHAN E. VAN LIER	2369	Effect of cholesterol α and β epoxides on cell killing and transformation
MARIAN B. MEYERS, KATHERINE A. SCHNEIDER, BARBARA A. SPENGLER, TIEN-DING CHANG and JUNE L. BIEDLER	2373	Sorcin (V19), a soluble acidic calcium-binding protein overproduced in multidrug-resistant cells. Identification of the protein by anti-sorcin antibody
BRENT R. ELLMERS, BARRY L. RHINEHART and KEITH M. ROBINSON	2381	Castanospermine: an apparent tight-binding inhibitor of hepatic lysosomal alpha-glucosidase

EZIO BETTINI, ANGELO CECI, RICCARDO SPINELLI and ROSARIO SAMANIN — 2387 Neuroleptic-like effects of the *l*-isomer of fenfluramine on striatal dopamine release in freely moving rats

FABIEN DE MEESTER, BERNARD JORIS, GEORGES RECKINGER, CATHERINE BELLEFROID-BOURGUIGNON, JEAN-MARIE FRÈRE and STEPHEN G. WALEY — 2393 Automated analysis of enzyme inactivation phenomena. Application to β-lactamases and DD-peptidases

THERESA N. LO, WILFORD F. SAUL and SERRINE S. LAU — 2405 Carrageenan-stimulated release of arachidonic acid and of lactate dehydrogenase from rat pleural cells

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TETSUYA YAMAMOTO, YUJI MORIWAKI, SUMIO TAKAHASHI, TOSHIKAZU HADA and KAZUYA HIGASHINO — 2415 5-Hydroxypyrazinamide, a human metabolite of pyrazinamide

JAMES C. DRAKE, CARMEN J. ALLEGRA, JACOB BARAM, BERNARD T. KAUFMAN and BRUCE A. CHABNER — 2416 Effects of dihydrofolate reductase of methotrexate metabolites and intracellular folates formed following methotrexate exposure of human breast cancer cells

MARY C. EDWARDS, ELIZABETH M. WILLIAMSON, EVELYN FORMUKONG, GAVIN BROOKS and FRED J. EVANS — 2418 Secretion and properties of a polypeptide factor generated by phorbol ester stimulation of human blood platelets

JEAN GENÈVE, DOMINIQUE LARREY, GILLES AMOUYAL, JACQUES BELGHITI and DOMINIQUE PESSAYRE — 2421 Metabolic activation of the tricyclic antidepressant amineptine by human liver cytochrome P-450

RAM B. PALAKODETY, ALFIN D. VAZ and MARTIN J. GRIFFIN — 2424 Microsomal cholesterol epoxide hydrolase activity in 2-acetylaminofluorene-induced rat liver hyperplastic nodules

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JOSEPH CHANG, JOHN H. MUSSER and HERB MCGREGOR — 2429 Phospholipase A_2: function and pharmacological regulation

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C. T. DOLPHIN, J. CALDWELL and R. L. SMITH — 2437 Effect of interferon synthesis upon the metabolism of [carboxyl-^{14}C]-aspirin in the mouse

HAYAO IDE and YASUO NAKAZAWA — 2443 Role of acetaldehyde in ethanol-induced increase in the activity of phosphatidate phosphatase in rat liver

MING W. CHOU, BINXIAN WANG, LINDA S. VON TUNGELN, FREDERICK A. BELAND and PETER P. FU — 2449 Induction of rat hepatic cytochromes P-450 by environmental nitropolycyclic aromatic hydrocarbons

BEAT U. RAESS and MARK H. GERSTEN — 2455 Calmodulin-stimulated plasma membrane ($Ca^{2+} + Mg^{2+}$)-ATPase: inhibition by calcium channel entry blockers

A. R. M. D. GASPAR, J. A. VERSCHOOR, A. W. H. NEITZ and N. M. J. VERMEULEN — 2461 The influence of the sesquiterpene lactones from *Geigeria* on mast cell degranulation

BOB JAY DULL, KALMAN SALATA, AGNES VAN LANGENHOVE and PETER GOLDMAN — 2467 5-Aminosalicylate: oxidation by activated leukocytes and protection of cultured cells from oxidative damage

GARTH POWIS, KEVIN LEE SEE, KENNETH S. SANTONE, DEBORAH C. MELDER and ERNEST M. HODNETT — 2473 — Quinoneimines as substrates for quinone reductase (NAD-(P)H:(quinone-acceptor)oxidoreductase) and the effect of dicumarol on their cytotoxicity

Z. JAYYOSI, M. TOTIS, H. SOUHAILI, C. GOULON-GINET, M. H. LIVERTOUX, A. M. BATT and G. SIEST — 2481 — Induction of hepatic cytochrome P-450c-dependent monooxygenase activities by dantrolene in rat

I. JAPUNDŽIĆ and E. LEVI — 2489 — Mechanism of action of cysteamine on duodenal alkaline phosphatase

ANDRÉ CONVENTS, JEAN-PAUL DE BACKER and GEORGES VAUQUELIN — 2497 — Characterization of alpha$_2$-adrenergic receptors of calf retina membranes by [^{3}H]-rauwolscine and [^{3}H]-RX 781094 binding

BEATRICE DEWALD and MARCO BAGGIOLINI — 2505 — Evaluation of PAF antagonists using human neutrophils in a microtiter plate assay

TERESA M. NEAL, MARGRET C. M. VISSERS and CHRISTINE C. WINTERBOURN — 2511 — Inhibition by nonsteroidal anti-inflammatory drugs of superoxide production and granule enzyme release by polymorphonuclear leukocytes stimulated with immune complexes or formyl-methionyl-leucyl-phenylalanine

RICHARD L. MILLER, DONALD J. NELSON, STEPHEN W. LAFON, WAYNE H. MILLER and THOMAS A. KRENITSKY — 2519 — Antigiardial activity of guanine arabinoside. Mechanism studies

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